									1 4	B (ORING L-3	ELEVATION (FEET)				
35	#.E	84 H	ATTERBERG LIMITS	CONTENT	ISITY	LOSS MS)	NT RED	_	BLOW COUNTS SAMPLES		SURFACE ELEVATION 589.0					
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	LIQUID LIMIT % PLASTIC LIMIT % PLASTIC RIMIT % PLASTICITY MADEX %	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS	PERCENT RECOVERED	890	BLOW COL		OCCODINE (AME	ELL				
0			2 2 2	3	-				10 3	SYMBOLS	DESCRIPTIONS STRIP MINE DEBRIS	-				
												585 ·				
5																
10												<i>—580</i>				
												575				
15		-		-	\vdash	+						5/5				
												<i>570</i>				
20				<u> </u>	T		1									
25												565				
"																
30	,			\vdash	-	+	-					<i>560</i>				
												555				
35				-	-	\dagger	1									
1												—550				
40																
45	<u>, </u>			-	-		-					545				
												540				
50	·			+	+		-					540				
												<i>535</i>				
55	5						_	-	_	2777	TOP OF CORE					
60	,				_						BROWNISH-GRAY STLTY CLAY GRADES OF CRISH-GREEN BELOW 60 0 FEET	<i>530</i>				
							100	91	7	cı	(RESIDUAL SOIL)					
65	5 -	-		+	+		_	1	_			<i>—525</i>				
												520				
70					+		ю	0 71	6			_				
7:	5									To the	OF BEDROCK (ALEXANDRIAN SERIES) HT BROWN TO GRAY DOLOMITE, FINE GRAINED; HIN BEDDED, NUMEROUS GREEN SHALE PARTINGS 1/10 TO 1/4 INCH THICK SPACED 1/2 TO 4 INCHES, SLIGHTLY WEATHERED, WELL INDURATED.	5/5				
										UPD	BRAIDWOOD STATION ATED FINAL SAFETY ANALYSIS F	REPORT				
											FIGURE 2.5-155					
											LOG OF BORING L-3					
											(SHEET 1 OF 4)					
L												····				

•		1			20	Ļ			7		_
NEET) 75	OTHER TESTS	SHEAR STRENGTH PSF	LISUID N	TERBE LIMITS	PLASTICITY SO INDEX	MOISTURE CONTENT	DAY DENSITY PCF	WATER LOSS	(LUGEONS)	PERCENT RECOVERED	MQD
80										100	90
<i>85</i>											
90										100	87
95								-			
100										100	99
105											
//0										100	98
120										10	96
125	;									_	
130	,—									10	0 9:
/35	5									_	+
14	0									10	00 9
14.	5										
15	oL								1	L	'

BORING L-3 CONTINUED	ELEVATION (FEET)
SYMBOLS DESCRIPTIONS	
GRAYISH-GREEN SILTY CLAY POROUS ZONE WITH NUMEROUS PINPOINT TO 1/10 INCH OPENINGS FROM 77.6 TO 78.8 FEET, LESS THAN 1% VOIDS 1/2 TO 1 INCH SOLUTION CAVITIES SPACED 3 TO 6 INCHES FROM 78.0 TO 79.2 FEET, APPROXIMATELY	-510
5% VOIDS GRADES TO GREENISH-GRAY COLOR BELOW 79.5 FEET, MASSIVE BEDDING BROWNISH-GRAY SILTSTONE, DOLOMITIC, WELL INDURATED; THINLY LAMINATED	<i>505</i>
INTERBEDDED 1 TO 7 INCH ZONES OF DARK GRAY SHALE SPACED 1 TO 3 INCHES BELOW 88.5 FEET DARK GREENISH-GRAY SHALE, SILTY, DOLOMITIC; LAMINATED	500
DARK GREENISH-GRAY SHALE, SILTY, DOLOMITIC; LAMINATED PARTS EASILY ALONG BEDDING PLANES; FINE SANDY IN ZONES WITH IRREGULAR BEDDING (BRAINARD FORMATION)	—495
	—49 0
OCCASIONAL 1 TO 3 INCH ZONE OF SILTY DOLOMITE SPACED 2 TO 18 INCHES FROM 105.8 TO 109.3 FEET VERTICAL FRACTURE FROM 109.3 TO 110.0 FEET	485
	-48 0
	475
	4 70
	4 65
	460
1 TO 6 INCH DOLOMITIC ZONES SPACED 18 TO 30 INCHES, FROM 134.0 TO 148.0 FEET	4 55
	—45 0
	4 45
BORING CONTINUED	

BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS REPORT

FIGURE 2.5-155

LOG OF BORING L-3 (SHEET 2 OF 4)

		~ E			RBERG	3	MTENT	7.	535	Få		BORING L-3 CONTINUED
	OTHER TESTS	SHEAR STRENGTH PSF	2	, ,	7 7 7	NEX.	FIELD WOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT	Q 0 €	
,		•	1001		³ 1	<u> </u>	8:03	l°				SYMBOLS DESCRIPTIONS
										100	∞	GRAY SILTY LIMESTONE, FOSSILIFEROUS; LAMINATED TO THIN BEDDED, NUMEROUS IRREGULAR PARTINGS AND GRADATIONAL ZONES OF CALCAREOUS, SHALE 1/4 TO 2
0								-			96	INCHES THICK AND SPACED 1/4 TO 4 INCHES. (FORT ATKINSON FORMATION) VERTICAL FRACTURE FROM 163.0 TO 164.7 FEET,
•												TIGHT
5												GRADES LESS SILTY AND COARSELY CALCARENITIC
70										100	100	AT 169.7 FEET, THIN BEDDED, NUMEROUS VERY THIN SHALE PARTINGS IN 1 TO 2 INCH ZONES SPACED 3 TO 8 INCHES 1/2 INCH VUG WITH MINERAL DEPOSITS AT 172.5 FEET
5					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						-	POROUS ZONE FROM 180.0 TO 181.7 FEET, NUMEROUS
90			+				-	-	+	100	93	PINPOINT TO 1/4 INCH OPENINGS, 2 INCH VOID AT 181.5 FEET MINERALIZED THROUGHOUT; APPROXIMATELY 5% VOIDS
35								_		_		CALCARENITIC, MEDIUM BEDDED, IRREGULAR SHALE PARTIN AND STYOLITES SPACED 1 TO 8 INCHES POROUS ZONE FROM 183.7 TO 185.6 FEET, NUMEROUS PINPOINT TO 1/2 INCH OPENINGS WITH OIL STAIN, LESS THAN
90												5% VOIDS GRAY CALCARCOUS SILTSTONE: THINLY LAMINATED, HIGHLY FOSSILIFEROUS, TINCH VOID AT 188.3 FEET, MINERIZED (SCALES FORMATION)
,										9	99	GRAY SILTY SHALE, CALCAREOUS; LAMINATED, INTERBEDDED GRADATIONAL 1 TO 4 INCH ZONES OF SILTY LIMESTONE
95											+	SPACED 2 TO 9 INCHES
00)							+	+	10	0 100	
205	-		+				+	+	+	\parallel	-	
210	,		-					+	+		9 9	GRADES TO INTERBEDDED LAYERS OF SILTY LIMESTONE 7 TO 24 INCHES THICK SPACED 6 TO 27 INCHES, LAMI FOSSILIFEROUS
215	5		1				_	1				7 000 E 200 E 300 E 3 000 E
. , .											T	SILTY LIMESTONE LAYERS GRADE OUT BELOW 219.4 FE DARK GRAY SHALE, DOLOMITIC: LAMINATED, PARTS EASILY A
220			1								00 K	BEDDING PLANES; INTERBEDDED 1/2 TO 4 INCH ZONES OF CALCAREOUS SILTSTONE SPACED 1 TO 4 INCHES
22:	<u>, L</u>						1	\perp		Ш	1	BORING CONTINUED

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FIGURE 2.5-155

LOG OF BORING L-3 (SHEET 3 OF 4)

[Ξ	AT	TERBE LIMITS	RG	NTENT	.	88		_ a	
DEPTH (FEET) 722	OTHER TESTS	SHEAR	CLISCID ATT	PLASTIC LIBIT	PLASTICITY INDEX	MOISTURE CONTENT	DRY DENSITY	WATER LOSS	(LUGEOM)	PERCENT	MQD
230										99	98
235			·								
240										100	ю
245											
250										98	98
255			-								
260										99	99
265											
270 275										100	100
280											
										100	100
285 290											

В	ORING L-3 CONTINUED	ELEVATION (FEET)
SYMBOLS	DESCRIPTIONS	·—365
	45° FRACTURE WITH SLICKENSIDES AT 228.5 FEET	—360
		<i>—355</i>
	CALCADEDIE CHATTONE LAVERE COADE OUT	350
	CALCAREOUS SILTSTONE LAYERS GRADE OUT BELOW 245.0 FEET	<i>—345</i>
		340
		335
		— <i>330</i>
		<i>—325</i>
		<i>—320</i>
мот; 777 777 (V	TLED LIGHT GRAY TO BUFF DOLOMITIC LIMESTONE, FINE TO MEDIUM GRAINED, SILTY, FOSSILIFEROUS; THIN BEDDED, THIN IRREGULAR SHALE PARTINGS AND STYOLITE SPACED 1/2 TO 4 INCHES. WISE LAKE - DUNLEITH FORMATIONS) POROUS ZONE FROM 276.4 TO 283.5 FEET WITH NUMEROUS PINPOINT TO 1/4 INCH VOIDS, 1/2 INCH VOID AT 279.3 FEET, 1 INCH VOID AT 283.5 FEET; LESS THAN 5% VOIDS THROUGHOUT	s, —3/5
	NUMEROUS PINPOINT TO 1/4 INCH VOIDS, 1/2 INCH VOID AT 279.3 FEET, 1 INCH VOID AT 283.5 FEET; LESS THAN 5% VOIDS THROUGHOUT	<i>—310</i>
量	BORING COMPLETED AT 286.1 FEET ON 10-24-72	— <i>305</i>

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FIGURE 2.5-155

LOG OF BORING L-3 (SHEET 4 OF 4)